

Peak District National Park

Forecast valid from 06:00 on Tuesday 18 Jan 2022 until 23:59 on Wednesday 19 Jan 2022

Forecast Issued on Tuesday 18 Jan 2022 at 03:11

Confidence: High confidence for largely settled conditions throughout, but low for the rain amounts overnight Tuesday into Wednesday, and also for extent of showers later Wednesday

Headline for Tuesday 18 Jan 2022: Early low-level fog could persist in some valleys. Otherwise a dry, sunny day before cloud thickens later.

Mountain weather hazards on Tuesday 18 Jan 2022

Blizzards

No Likelihood

Heavy Snow

No Likelihood

Storm force winds

No Likelihood

Gales

No Likelihood

Severe chill effect

Low Likelihood

Poor visibility

Low Likelihood

Thunderstorms

No Likelihood

Heavy persistent rain

No Likelihood

Strong sunlight

No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
					
Clear night	Sunny	Sunny	Cloudy	Cloudy	Cloudy
Precipitation probability					
00%	<05%	<05%	10%	20%	30%

Forecast for Tuesday 18 Jan 2022

Weather: A dry, cold and frosty start with fog patches. These will be slow to clear through the morning. Away from areas of fog, long sunny spells are expected to develop. Some thin cloud will spread east during the afternoon and evening, perhaps thickening across western hills by midnight, but staying dry.

Chance of cloud free mountain/hill tops above 600m: 100% decreasing to 90% during the evening. Fog obscuring views at low levels during the morning.

Visibility: Very poor at first in any fog, otherwise excellent. Visibility falling to very good to moderate with as cloud thickens late in the day. Some scattered cloud thickening during the evening with only the odd patch down to 600m.

Forecast for Tuesday 18 Jan 2022

Height (m)	Wind Speed mean/gusts (mph)				Wind Direction (blowing from)		
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	17/22 SW	17/23 SW	16/20 SW	17/24 SW	21/28 SW	22/30 SW	20/28 SW
300	8/12 S	8/12 S	8/11 SW	8/14 SW	12/21 SW	12/21 SW	13/22 SW
Valley	3/13 SE	3/10 S	3/11 SW	5/15 SW	7/20 SW	7/20 SW	8/20 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	6/2	4/-1	4/-0	4/-2	2/-4	2/-5	2/-5
300	6/3	4/1	5/2	5/2	4/-0	4/-0	3/-1
Valley	3/1	2/1	5/4	5/3	3/0	3/0	3/0
Freezing Level*	1100m	1100m	1200m	1100m	1100m	1100m	1400m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

Cold with a notable wind chill. Good views above fog during the morning, and from most levels during the afternoon.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Tue 18 Jan 2022	0mm	0.8mm	0.8mm

Forecast for Wednesday 19 Jan 2022

Weather: Cloudy with outbreaks of rain clearing south during the morning. Sunnier, drier but also colder conditions following. Perhaps a very isolated light shower during the evening.

Maximum wind: Northwesterly 20 mph with gusts 30mph.

Chance of cloud free mountain/hill tops above 600m: 60% initially but improving to 100% by mid-afternoon.

Visibility: Occasionally moderate at first and poor in outbreaks of rain and drizzle. Some cloud obscuring summits above 600m before clearing late morning and early afternoon. Becoming very good to excellent once cloud clears.

Temperature: **Valleys:** Plus 8 Celsius falling to Minus 1 Celsius by after dark.
At 600m: Plus 4 Celsius falling to Minus 1 Celsius after dark
Freezing level: Above summits at first, falling to around 600m during the evening.